

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040239714"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 08:31
S3	0	"2002089562" "4034380.pn." "6375299.pn." "5818473.pn." "5500657.pn."	US-PGPUB; USPAT	OR	ON	2006/09/22 11:54
S4	4	"2002089562" "4034380".pn. "6375299".pn. "5818473".pn. "5500657".pn.	US-PGPUB; USPAT	OR	ON	2006/09/22 11:56
S5	3	"2002089562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 11:55
S6	2	"20020089562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:35
S7	1	2000-425005.NRAN.	DERWENT	OR	ON	2006/09/22 11:56
S8	68004	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52
S9	5	(((number count) with ejection with failure) same (reference with value)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:37
S10	16	(((number count) with ejection with failure) and (reference with value)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52
S11	11	S10 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:43
S12	4	"4034380".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:43
S13	3244	"347"/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52
S14	3245	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52

EAST Search History

S15	0	(ejection with failure) same (reference with value) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:48
S16	4	(ejection with failure) and (reference with value) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:53
S17	0	(ejection with failure) same (reference with (value number count)) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:53
S18	7	(ejection with failure) and (reference with (value number count)) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:55
S19	11	(ejection with failure) same (reference with (value number count)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:57
S20	441	(number with (drops dots)) same (reference with (value number count)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:58
S21	15	S20 and (ejection with fail\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:58
S22	1	("5430469").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 09:59
S23	2419	347/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:10
S24	603	347/23.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:11
S25	89	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:11
S26	924	347/29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:36

EAST Search History

S27	10	S23 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:12
S28	16	S23 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:15
S29	4	S14 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:16
S30	2	"5500657".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:17
S31	126284	(fir\$3 eject\$3) with (fail\$3 malfunction inoperative nonoperative malperform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:18
S32	98	S31 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:19
S33	17	S32 and (reference with (number value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:28
S34	0	((count\$3 with fail\$3) same (reference with greater)) and 347/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:29
S35	0	((count\$3 with fail\$3) same (reference with greater)) and "347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:30
S36	15	((fail\$3) same (reference with greater)) and "347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:30
S37	24	("4241406" "4648048" "4900941" "4907013" "5038208" "5128691" "5224421" "5289208" "5321436" "5430306" "5473351" "5495103" "5559339" "5587728" "5596353" "5650804" "5760799" "5764251" "5771051" "5781204" "5798772" "5933179" "5956051" "6137570").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 10:33
S38	79	((failure inoperative nonoperative malfunction malperform) same (drop with (detect\$3 sens\$3))) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:38

EAST Search History

S39	25	S38 and (reference with (number value count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:38
S40	855	(ejection with failure) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:50
S41	3	S40 and ((threshold with value) same drops)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:49
S42	21	((number with failure) with (threshold reference)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:51
S43	18	("4313124" "4345262" "4459600" "4463359" "4558333" "4608577" "4723129" "4740796" "4926196" "5068806" "5363134" "5367325" "5477245" "5506611" "5576745" "5617122" "5646655" "5751304").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 10:54
S44	8	(US-20040239714-\$).did. or (US-5818473-\$ or US-4034380-\$ or US-6350006-\$ or US-4241406-\$ or US-6238112-\$ or US-6382764-\$).did. or (EP-1013453-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/25 11:09
S45	2	S44 and (paper with dust)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/25 11:09
S46	44	"2002089562" "4034380" "6375299" "5818473" "5500657"	US-PGPUB; USPAT	OR	ON	2006/09/25 12:00
S47	8	("4471363" "4498088" "4590482" "4625220" "4695852" "5072235" "5500657" "6076914").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 12:04
S48	55	((("4,301,459") or ("4,484,199") or ("4,498,088") or ("4,577,203") or ("4,625,200") or ("4,695,852") or ("4,768,045") or ("5,072,235") or ("5,371,528") or ("5,379,061") or ("5,475,404") or ("5,563,634") or ("5,581,287") or ("5,731,826") or ("5,975,668") or ("5,995,801") or ("6,010,205") or ("6,048,045") or ("6,076,914") or ("6,145,966") or ("6,168,263") or ("6,174,038") or ("6,220,692") or ("6,257,694") or ("6,299,277") or ("6,322,190") or ("6,364,452") or ("6,565,185") or ("6,811,238") or ("6,820,955") or ("20010007460") or ("20020018090") or ("20020021325") or ("20020027575") or ("20020036667") or ("20020039120") or ("20020089562") or ("20020105555") or ("20020130918") or ("20020144550") or ("20020149657") or ("20020170353") or ("20030007032") or ("20030043216") or ("20030146742") or ("20030015649") or ("20040001116") or ("20040056915") or ("20040165016") or ("20040223027") or ("20040239714") or ("20040252144") or ("20050122360") or ("20050128232") or ("20050128323")).PN.	US-PGPUB; USPAT	OR	OFF	2007/09/06 13:31
S49	11	(thick\$5 and air and dust and nozzle and diaphragm and cycle).clm.	US-PGPUB; USPAT	OR	ON	2007/09/06 14:09
S50	8	(thick\$5 and air and dust and nozzle and diaphragm and cycle and counting).clm.	US-PGPUB; USPAT	OR	ON	2007/09/06 13:52
S51	7	(thick\$5 and air and dust and nozzle and diaphragm and cycle and counting and recovery).clm.	US-PGPUB; USPAT	OR	ON	2007/09/06 13:52
S52	2	(thick\$5 and air and dust and nozzle and diaphragm and cycle and counting and recovery and exceed).clm.	US-PGPUB; USPAT	OR	ON	2007/09/06 13:52
S53	2766	347/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 14:01

EAST Search History

S54	164	S53 and air and (thick\$5 viscosity) and (dust dirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 14:02
S55	11	(air and dust and nozzle and diaphragm and cycle).clm.	US-PGPUB; USPAT	OR	ON	2007/09/06 14:10
S56	22	((SHINKAWA with OSAMU).ln. (SAKAGAMI with YUSUKE).ln.) and epson.as.	US-PGPUB; USPAT	OR	ON	2007/09/06 14:11
S57	3	S56 and alr.clm.	US-PGPUB; USPAT	OR	ON	2007/09/06 14:13
S58	5	S56 and exceed.clm.	US-PGPUB; USPAT	OR	ON	2007/09/06 14:13